|          | Index of Claims |  |                           |          |              |          |          |          |              |                 |     |              |              | <b>Аррисаном но.</b> |  |                    |           |               |           |           |          |           |          | Application |               |           |         |         |           |           |             |          |        |
|----------|-----------------|--|---------------------------|----------|--------------|----------|----------|----------|--------------|-----------------|-----|--------------|--------------|----------------------|--|--------------------|-----------|---------------|-----------|-----------|----------|-----------|----------|-------------|---------------|-----------|---------|---------|-----------|-----------|-------------|----------|--------|
|          |                 |  |                           |          |              |          |          |          |              |                 |     |              |              |                      | 10/611,804                             |                    |           |               |           |           |          |           |          |             | BALOGA ET AL. |           |         |         |           |           |             |          |        |
|          |                 |  |                           |          |              |          |          |          |              |                 |     |              |              | E                    | Examiner                               |                    |           |               |           |           |          |           |          |             | Art Unit      |           |         |         |           |           |             |          |        |
|          | 111111          | STORING STATE TO THE STATE STA |                           |          |              |          |          |          |              |                 |     |              |              |                      |  | Anthony D Barfield |           |               |           |           |          |           |          |             | 3636          |           |         |         |           |           |             |          |        |
|          |                 |  | / Rejected (Through numer |          |              |          |          |          |              |                 |     |              |              |                      | - // / / / / / / / / / / / / / / / / / |                    |           |               |           |           |          | 7         | П        |             |               |           |         |         |           |           |             |          |        |
|          |                 | \  | √ Rejected                |          |              |          |          |          |              | - Cancelled     |     |              |              |                      |  | N Non-Elected      |           |               |           |           | Α        | Appeal    |          |             |               |           |         |         |           |           |             |          |        |
|          |                 | =  | Allowed                   |          |              |          |          |          | + Restricted |                 |     |              |              |                      |  | I Interference     |           |               |           |           | 0        | Objected  |          |             |               |           | ]       |         |           |           |             |          |        |
|          |                 | L  |                           |          |              |          |          |          |              |                 |     |              |              |                      |  |                    |           |               |           | J         | Ш        |           | _        |             | _             |           | J       |         |           |           |             |          |        |
| Cl       | aim             |  | Date                      |          |              |          |          |          |              |                 | Cli | Claim        |              |                      |  | -                  | Date      | ate           |           | $\exists$ |          | laim      |          |             |               | Da        | e       | _       | 1         |           |             |          |        |
| Final    | Original        | ş  | 6                         |          |              |          |          |          |              |                 |     | Final        | Original     |                      |  |                    |           |               |           | 1         |          |           | Final    | Original    |               |           |         |         |           |           |             |          | •      |
| i E      | ō               | 12   | 3                         |          |              |          |          |          | l            |                 |     | ፲፫           | <del>Š</del> |                      |  |                    |           |               |           |           |          |           | i Ē      | Ö           |               |           |         |         |           |           |             |          |        |
|          | 1               | 1  |                           |          | 匚            |          |          |          | 匚            |                 | 1   |              | 51           |                      |  |                    |           |               |           |           |          | $\exists$ |          | 101         |               |           | #       | 丰       | I         |           |             |          |        |
| -        | 3               | 1  |                           | ├        | ┝            | ├-       | -        | -        | ╁            | +               | {   | -            | 52<br>53     | H                    | _                                      | -                  | $\dashv$  | Н             | -         | $\dashv$  | -        | -         | -        | 102         | Н             | +         | +       | +       | ╄         | +-        | ╀           | Н        |        |
|          | 4               | 0  |                           | 匚        | L            |          |          |          | L            |                 | 1   |              | 54           |                      |  |                    |           |               |           |           |          | ゴ         |          | 104         |               |           | $\top$  |         | $\perp$   |           |             |          |        |
|          | 5               | 0  |                           | L        |              | L        | L        | L        | L            | _               | }   |              | 55           |                      |  | _                  |           |               |           | _         | 4        |           |          | 105         |               | -         | 1       | 1       | L         | $\perp$   | _           | Ш        | }      |
| $\vdash$ | 7               | 0  | ╁╴                        | ┢        | ┝            | $\vdash$ |          | ┝        | ╁            | ┝               | ┨   | <u> </u>     | 56<br>57     | $\vdash$             | -                                      | Н                  | $\dashv$  | H             | -         | $\dashv$  | -        | $\dashv$  | $\vdash$ | 106<br>107  | $\vdash$      | $\dashv$  | +       | ┿       | ╁         | ╁         | ╁           | Н        |        |
|          | 8               | 0  |                           |          |              |          |          |          |              |                 | ]   |              | 58           |                      |  |                    |           |               |           | $\exists$ |          |           |          | 108         |               |           |         | 土       |           |           | 二           |          |        |
| ·        | 9               | 1  | 6                         | ┢        | ⊢            | $\vdash$ | -        | ⊢        | ┡            | ╀               | ł   |              | 59           | L                    | _                                      | Н                  | -         | $\perp$       | $\dashv$  | 4         | 4        | _         | -        | 109         | Н             | $\dashv$  | +       | +       | 1         | 4         | -           | Щ        |        |
| -        | 11              | ├-   | H                         | ┢        | -            | ┢        | ┢        | 一        | ╁╴           | ╁               | 1   |              | 60<br>61     | Н                    |  | Н                  | $\dashv$  |               | $\dashv$  | $\dashv$  | $\dashv$ | -         |          | 110<br>111  | $\vdash$      | $\dashv$  | ╁       | +       | +         | ╁╌        | +-          | Н        |        |
|          | 12              |  | 1                         |          |              |          |          |          |              |                 |     |              | 62           |                      |  |                    |           |               | $\Box$    | $\Box$    |          |           |          | 112         |               |           |         | $\perp$ |           | I         |             |          |        |
| -        | 13              | -  | 1                         | /        | -            | -        | ⊢        | $\vdash$ | ┝            | ┝               | -   |              | 63<br>64     | H                    | $\dashv$                               |                    | $\dashv$  | $\overline{}$ |           | +         | -        |           | -        | 113         | Н             | $\dashv$  | +       | +-      | ╀         | +         | ┾           | Н        |        |
|          | 15              |  | 0                         |          |              | -        | -        | H        | T            | $\vdash$        | 1   |              | 65           |                      |  |                    | $\dashv$  |               | $\dashv$  | $\dashv$  | 7        |           | -        | 115         | Н             | $\dashv$  | +       | +       | ╁         | +-        | +-          | Н        |        |
|          | 16              |  |                           |          |              |          |          |          |              |                 | ]   |              | 66           |                      |  |                    |           |               |           | $\exists$ | $\Box$   |           |          | 116         |               | 1         | I       | I       | I         | I         |             |          |        |
|          | 17<br>18        | ├-   | 8                         | -        | ⊢            | ⊢        | ⊢        | ⊢        | ╀            | ├               | ł   |              | 67<br>68     | Н                    | _                                      | Н                  | -         | $\dashv$      | -         | -         | ᅱ        | $\dashv$  |          | 117         | Н             | +         | +       | +       | ╀         | ╁         | ╀           | Н        |        |
|          | 19              |  |                           | 1        |              |          |          |          |              | $\vdash$        | 1   |              | 69           |                      |  |                    | 7         |               | -         | _         | 7        | $\dashv$  |          | 119         | $\vdash$      | $\top$    | +       | +       | $\dagger$ | 十         | 1           | Н        |        |
|          | 20              |  | V                         |          |              |          |          |          |              |                 | ]   |              | 70           |                      |  |                    | $\Box$    |               |           | $\Box$    |          |           |          | 120         |               | $\Box$    | 1       | $\perp$ | I         | I         |             |          |        |
| ·        | 21              | ⊢  | ├                         | ┝        | ⊢            | $\vdash$ | $\vdash$ | H        | -            | $\vdash$        | -   |              | 71<br>72     | Н                    |  | Н                  | $\dashv$  | $\dashv$      |           | -+        | $\dashv$ | -         | $\vdash$ | 121         | $\vdash$      | +         | +       | +       | ╀         | ╀         | ╀           | Н        |        |
|          | 23              |  |                           |          |              |          |          |          |              |                 | 1   |              | 73           |                      |  |                    |           |               |           | $\dashv$  | $\dashv$ |           |          | 123         | Н             | $\dashv$  | $^{+}$  | +       | †:        | $\dagger$ | 十           | Н        |        |
|          | 24              | L  |                           |          |              |          |          |          | L            | L               | ]   |              | 74           |                      |  |                    | _         |               |           | $\exists$ | $\Box$   |           |          | 124         |               | $\dashv$  | Ţ       |         | Ţ         | F         |             | П        |        |
| _        | 25<br>26        | ┝  | ⊢                         | ┝        | ┝            | ┝        | ┝        | ⊢        | ├            | -               |     | <del> </del> | 75<br>76     | $\vdash$             | _                                      | -                  |           | -             | -         | $\dashv$  | ┥        | $\dashv$  | -        | 125<br>126  | $\vdash$      | +         |         |         | ╀         | ╁         | ╁           | Н        |        |
|          | 27              |  |                           |          |              |          |          |          |              |                 |     |              | 77           |                      |  |                    |           |               |           | 1         |          |           |          | 127         |               | 士         | $^{+}$  | +       | t         | +         |             |          |        |
|          | 28              | L  | L                         | L        | L            | _        | _        | L        | Ļ            | $oxed{igspace}$ |     |              | 78           |                      |  |                    | $\Box$    |               |           | $\Box$    | $\Box$   | $\Box$    |          | 128         |               | $\Box$    | Ţ       | $\bot$  | L         | I         |             |          |        |
| -        | 29<br>30        | ⊢  | ┝                         | ┝        | ┝            | -        | -        | ┝        | ┝            | ╁               |     | <del> </del> | 79<br>80     | Н                    | $\dashv$                               | $\dashv$           | $\dashv$  | $\dashv$      | $\dashv$  | +         |          | -         | $\vdash$ | 129<br>130  | H             | +         | +       | +-      | ╁         | ╁         | ╁           | Н        |        |
|          | 31              |  |                           |          |              |          |          |          |              |                 |     |              | 81           |                      |  |                    |           |               | $\exists$ | 7         |          |           |          | 131         |               | $\Box$    | 1       |         | T         | +         | $\top$      |          |        |
|          | 32              | L  | L                         | _        | _            | _        | L        |          | L            | Ĺ               |     |              | 82           |                      |  |                    | 4         |               |           | 4         | 4        | _         | $\Box$   | 132         |               | $\perp$   | Ţ       | Τ.      | Γ         | Ţ         | lacksquare  | П        |        |
| -        | 33<br>34        | ┝  | ┝                         | -        | -            |          | $\vdash$ | -        | ┝            | ┢               |     |              | 83<br>84     | Н                    | $\dashv$                               |                    | $\dashv$  | $\dashv$      | $\dashv$  | ┽         | $\dashv$ | $\dashv$  | -        | 133         | $\vdash$      | $\dashv$  | +       | +       | ╀         | +         | ⊢           | Н        | •      |
|          | 35              |  |                           |          |              |          |          |          |              |                 | 1   |              | 85           |                      |  |                    | 1         |               |           | 1         |          |           |          | 135         |               | 寸         | $\top$  | +       | t         | $\dagger$ | $\vdash$    |          |        |
|          | 36              | L  | L                         | Ŀ        |              |          | L        | L        | L            | L               |     |              | 86           | П                    | $\Box$                                 | Ц                  | _         | _             | $\dashv$  | 4         | $\dashv$ |           |          | 136         |               | $\exists$ | $\perp$ | $\bot$  | L         | Ţ         | $\sqsubset$ |          |        |
| -        | 37<br>38        | -  | ┝                         | $\vdash$ | ┢            | ┢╌       | $\vdash$ | ┢        | ┝            | ┢               | 1   |              | 87<br>88     | Н                    | $\dashv$                               | $\dashv$           | ┪         | $\dashv$      | $\dashv$  | ᆉ         | $\dashv$ | -         | -        | 137         | H             | $\dashv$  | ╫       | +       | ╁╌        | ╁         | ╁┈          | H        | i<br>İ |
|          | 39              |  |                           |          |              |          |          |          |              |                 |     |              | 89           |                      |  |                    | $\exists$ |               | コ         | 士         |          |           |          | 139         |               |           | 士       |         | T         |           |             |          | İ      |
|          | 40              |  | L                         |          |              |          | _        | _        | ļ.,          | _               |     |              | 90           |                      | _                                      |                    | $\Box$    |               | $\Box$    | $\Box$    | _        |           |          | 140         |               | $\Box$    | Ţ       | Ţ       | L         | Ţ         | $ar{\Box}$  | П        |        |
| $\vdash$ | 41              | $\vdash$   | $\vdash$                  | H        | ┢            | H        | $\vdash$ | ┢        | $\vdash$     | ┢               |     | <b></b> -    | 91<br>92     | H                    | $\dashv$                               | $\dashv$           | -         | -             | $\dashv$  | $\dashv$  | -        | $\dashv$  | -        | 141         | ┥             | +         | +       | +       | ╀         | ╁         | $\vdash$    | Н        |        |
|          | 43              |  |                           |          |              |          |          |          |              | 匚               |     |              | 93           |                      |  |                    | ╛         | 士             | 士         | ⇉         | ╛        |           |          | 143         |               |           | $\pm$   | 土       | T         | İ         |             | d        |        |
| •        | 44              | F  | L                         |          | F            |          |          | Ĺ        | L            | L               |     |              | 94           | Ц                    | $\exists$                              | $\Box$             | 7         | $\exists$     | $\neg$    | 4         | 4        | $\exists$ |          | 144         | П             | $\dashv$  | Ţ       | T       | F         | T         | 匚           | 口        |        |
| -        | 45<br>46        | $\vdash$   | $\vdash$                  | $\vdash$ | -            | $\vdash$ | $\vdash$ | $\vdash$ | +            | ┢               |     |              | 95<br>96     | $\vdash$             | -                                      | $\vdash$           | -         | -             | $\dashv$  | +         | $\dashv$ | $\dashv$  | -        | 145<br>146  | ╂╾┥           | $\dashv$  | +       | ┿       | ╀         | ╁         | +           | $\vdash$ | *      |
|          | 47              |  |                           |          |              |          |          |          |              |                 |     |              | 97           |                      |  |                    | ╛         |               | 士         | 士         |          |           |          | 147         |               |           |         | 士       | İ         | Ė         |             | $\Box$   |        |
| <u> </u> | 48<br>49        |  |                           | $\vdash$ | L            | $\vdash$ |          | H        | $\vdash$     | L               |     |              | 98           |                      | _                                      |                    | 7         | $\dashv$      | $\dashv$  | $\bot$    | 4        | 4         |          | 148         | Ц             | 1         | Ţ       | $\perp$ | F         | Ţ         | Г           | П        |        |
| -        | 50              | -  | -                         | $\vdash$ | <del> </del> | $\vdash$ | -        | $\vdash$ | $\vdash$     | ┢               |     | -            | 99<br>100    | Н                    | $\dashv$                               |                    | $\dashv$  |               | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  | -        | 149<br>150  | $\vdash$      | +         | +       | +       | +         | +         | +           | Н        |        |
|          |                 |  |                           |          |              |          |          |          | -            |                 | , , |              | <u></u>      |                      |  |                    | !         | _             |           |           | 1        |           |          | , ,,,,,     |               |           |         |         | -         |           | ٠           | ــا      | •      |

Application No.

Applicant(s)